

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/039671 A1

(51) International Patent Classification⁷: **B64C 25/16, 7/00**

(21) International Application Number:
PCT/GB2003/004586

(22) International Filing Date: 23 October 2003 (23.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0225517.2 1 November 2002 (01.11.2002) GB

(71) Applicant (for all designated States except US): **AIRBUS
UK LIMITED** [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHOW, Leung,**

Choi [GB/GB]; 113 Pursey Drive, Bradley Stoke, Bristol BS32 8DN (GB). **WOOD, Christopher, Nell** [GB/GB]; Roseleigh, Macclesfield Road, Eaton, Congleton, Cheshire CW12 2NP (GB).

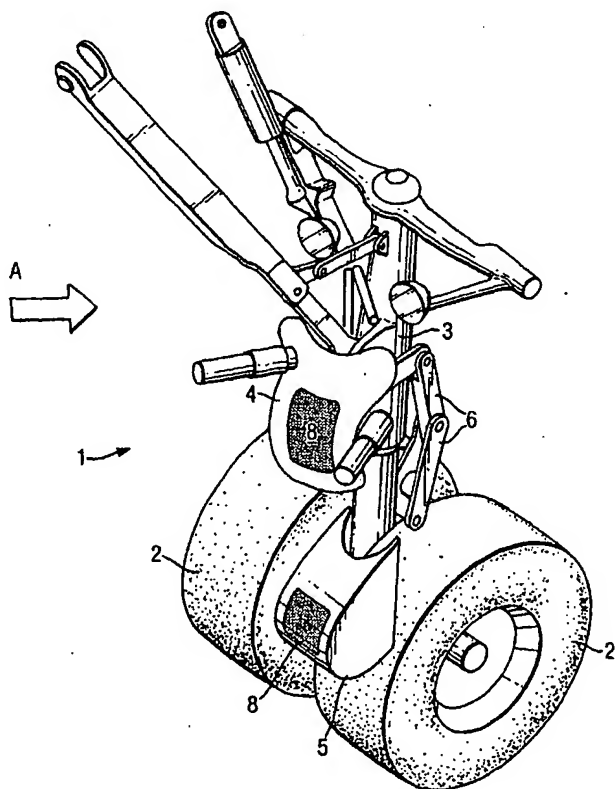
(74) Agents: **PEARSON, James, Ginn et al.**; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: **LANDING GEAR**



(57) Abstract: An aircraft landing gear (1) is described including a noise-reducing element that includes an air-deflecting surface, in the form of a fairing (4), and a perforated airflow-reducing region (8). In use, some air passes through the perforations, whilst other air is deflected by the fairing away from a noise-generating region of the landing gear. Noise caused by the passing of the landing gear through the air is therefore reduced.

WO 2004/039671 A1



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*